

ION Torrent Sample Submission Requirements

Submission Requirements for Whole Genome Libraries		
Type	Quantity	QC Specifications
Genomic DNA	5-10 µg in nuclease free water, TE, low TE, QIAGEN EB	OD260 measurement with OD260/280 of 1.8 - 2.0, gel image with quantitative ladder

Submission Requirements for Transcriptome Libraries		
Type	Quantity	QC Specifications
Total RNA	10 µg	Agilent 2100 Bioanalyzer RNA 6000; RNA Integrity number >7
Tissue	250 mg	
Cells	10^2 - 10^7 Cells	

Submission Requirements for Small RNA Libraries*		
Type	Quantity	QC Specifications
Cells	10^2 - 10^7 Cells	Agilent 2100 Bioanalyzer RNA 6000; RNA Integrity number = 9.3 and above (Integrity of total RNA is crucial to the protocol for small RNA isolation. RNA samples with a lower RIN can contain degraded non small RNA species that will not be excluded during small RNA library preparation)
Tissue	250 mg	
Total RNA	25 µg	

*** Note: We prefer cells or tissue over total RNA for sample submission for small RNA library preparation**

Shipping Instructions

1. Please ship all samples to: Genotypic Technology, No:2/13, 3rd Floor, Poojari Layout, 80 feet road, RMV 2nd stage, Bangalore-560094
2. The certificate accompanying the samples should declare the samples as Non-hazardous, non-infectious and for Research purposes
3. Please declare the number of tubes in the shipment and declare value of USD 0.5 per tube or lower such that the total value
4. Please email the tracking number, sample details and Genotypic order form to ngsservices@genotypic.co.in. Avoid shipping
5. The order form is essential for correct and timely processing of samples
6. We do not accept infectious or hazardous samples
7. RNA samples should be sent by dry ice. International shipments are preferred to be sent via World Courier
8. All non-RNA samples as (genomic DNA, others) can be sent as "dried/lyophilized" by SpeedVac
9. Sending samples in duplicate is recommended.

